ELSEVIER

Colloids and Surfaces B: Biointerfaces 9 (1997) 347

COLLOIDS
AND
SURFACES B

Author Index

Abe, M., 177
Aoyagi, T., 37
Askendal, A., 59

Baszkin, A., 197
Blomberg, E., 67
Brook, M.A., 285

Cerf, A.M.C., 247
Chen, T.-C., 187
Chung, J.E., 37
Claesson, P., 67

Dalençon, F., 197
Dehaye, J.-P., 247
Devleeschouwer, M.J., 247
Devold, T., 257
Deyme, M., 233

Elwing, H., 59
Eriksson, C., 67
Eskilsson, K., 305
Esumi, K., 269

Fowers, K.D., 315
Fujii, Y.-K., 169

Gage, R.A., 139
García, D.A., 49

Han, J.H., 109, 131
Harms, H., 331
Harwell, J.H., 177
Heritage, P., 285
Higa, M., 1
Huda, M.S., 213
Hug, S.J., 331

Imae, T., 31
Itai, S., 275

Jiang, J., 285
Jones, M.N., 101
Ju, Y.-H., 187
Jucker, B.A., 331

Kamyshny, A., 147
Kawashima, N., 177
Khan, A., 305
Khoda, A., 117
Kiely, L.J., 297
Kopeček, J., 315

Launay, J.-M., 197
Lee, C.-H., 109, 131
Lee, S., 169
Le Visage, C., 233
Liu, J.C., 187
Lyklema, J., 81

Magdassi, S., 147
Makino, K., 225
Manivet, P., 197
McDermott, M.R., 285
Miller, M.J., 101
Mishima, K., 9
Miyasaka, K., 1, 17
Miyazawa, K., 177
Mizusaki, T., 269
Moosavi-Movahedi, A.A., 123
Morén, A.K., 305
Mori, O., 31
Morisaki, H., 205
Mortensen, G., 297

Nagadome, S., 169
Nagata, H.D., 169
Nakagawa, Y., 17
Nazari, K., 123
Nishizaki, K., 275
Norde, W., 81, 139, 157
Nygren, H., 67

Ohshima, H., 225
Okano, T., 37
Olson, N.F., 297
Perillo, M.A., 49
Pitt, W.G., 239

Qian, Z., 239

Reboiras, M.D., 101
Rölla, G., 257
Rosilio, V., 197
Rykke, M., 257

Saboury, A.A., 123
Sagers, R.D., 239
Sakai, H., 177
Sakurai, Y., 37
Sasaki, Y., 169
Satoh, K., 9
Smistad, G., 257
Sugihara, G., 169
Suzuki, K., 9, 37

Takashima, S., 205
Takeuchi, T., 225
Tanioka, A., 1, 17
Terayama, H., 269
Tsubaki, N., 177

Underdown, B., 285

Van der Wal, A., 81

Wal, A.v., 81
Winquist, F., 59

Yajima, I., 177
Yamaguchi, T., 275
Yamauchi, K., 117
Yokoyama, M., 37
Yokoyama, Y., 1
Yoshikawa, S., 233
Young, A., 257

Zehnder, A.J.B., 81, 331
Zoungrana, T., 157

ELSEVIER

Colloids and Surfaces B: Biointerfaces 9 (1997) 349–350

COLLOIDS AND SURFACES B

Subject Index

Active transport, 17
Adsorption, 139, 147, 157
Adsorption heat, 169
Adsorption isotherm(s), 169
Affinity partitioning, 109
Aggregation, 225
Alkyl chain, 37
Anionic liposomes, 101
Antibiotic, 239
Antigen–antibody interaction, 59
Aqueous dispersion, 269
Aqueous two-phase, 109
Aqueous two-phase system, 131
Atomic force microscopy, 31

Bacillus subtilis neutral protease, 109, 131
Bacteria, 239
Bacterial adhesion, 247, 331
Bacterial surface, 297
Bile salt(s), 169
Binding isotherm, 247
Binding of serotonin analogs, 197
Biofilm, 239
Bipolar membrane, 1, 17
Bovine serum albumin, 31, 117
Brevibacterium linens, 297
Buccal epithelial cell, 247

Candida albicans, 101
Casein micelles, 257
cationic liposomes, 101
Cell attachment, 205
Cell surface, 205
Cellulose, 269
Cell wall charge, 81
Cell wall composition, 81
Cell wall potential, 81
Chromatography, 131
α-chymotrypsin, 157
CMC, critic micellar concentration, 49
Colloidal clusters, 147
Cross partitioning, 131

Donnan equilibrium, 17
DOTAC, 305
Double layer composition, 81

Electron microscopy, 257
ELISA, 147
Enzymatic activity, 157
Enzyme immobilization, 17
Equilibrium spreading pressure, 213
Esin–Markov analysis, 81
ESR, 269

Fibrinolytic surfaces, 315
Flunitrazepam, 49
FNTZ, flunitrazepam, 49

GABA, gamma-aminobutyric acid, 49
Gaussian distribution, 247
Gel, 305
Glass, 67
Grafted polymerization, 1
Graphite, 169

Helicity, 233
Horseradish peroxidase, 123
Human saliva, 257
Human Serum albumin, 285
Hydration, 205
Hydrogen bonds, 331
Hydrophilic surface, 139
Hydrophobic interaction, 37
Hydrophobicity, 147, 297
Hydrophobic surface, 139
Hydroxylated fatty acid, 213

IgG, 147
Imaging reflectometry, 59
Immunoprecipitate visualization, 59

Implant infection, 239
Insonation intensity, 239
Isoelectric pH, 131

Keratin, 117

β-lactoglobulin, 305
Langmuir adsorption, 101
Langmuir plot, 169
Lipid emulsion, 275
Lipopolysaccharides, 331
Liposome adsorption, 101

Membrane anchor, 9
Membrane potential, 1
Mica, 31, 67
Micelle, 37
Microcapsule, 117
Microparticle, 285
MLV, multillamelar vesicles, 49
Molecular area, 275
Molecular order, 9
Monolayer, 275
Monolayer coverage, 101
Monolayer stability, 213
Multivalent cation, 225

n-Dodecyl trimethylammonium bromide, 123
Nernst–Planck equation, 17
Neuropeptide Y, 233
Nonequilibrium thermodynamics, 17

Oligopeptide, 139
Optical birefringence, 9

Partition coefficient, 109, 131
Partition coefficients, 49
Peptide adsorption, 233
Phase equilibria, 305
Phosphatidylcholine, 9
Phospholipid bilayers, 49
Photogeneration, 187
Photoimageable polymer, 187
Plasma polymerization, 1
Plasma proteins, 67
Plasminogen, 315
Platelets, 67
PMN cells, 67
Polymer-grafting microcapsule, 225
Polymeric amine, 187
Polymer interactions, 331
Poly(*N*-isopropylacrylamice), 37
Polysaccharide, 9
Polystyrene, 157
Porous polypropylene, 1
Precipitate, 305
Pressure–area isotherms, 213
Protein, 139
Protein–surfactant interactions, 305
Protein adsorption, 31
Protein conformation, 157
Protein release, 285
Proteins, 109
Proton titration, 81
Pseudo-Brewster angle, 59
Pseudomonas aeruginosa, 239, 247
Pseudomonas syringae, 205

Quantum yield, 187

Salivary micelle-like structures, 257
Salivary proteins, 257
Scanning reflectometry, 59
SEM, standard mean error, 49
Serotonin, 197
Serotonin transporter (SERT), 197
Silicone, 285
Sodium *n*-dodecyl sulphate, 123
Softness of polymer layer, 205
Solution, 305
Sonication, 117
Spin-labeled cellulose, 269
Spread protein monolayers, 197
Starch, 285
Statistics, 247
Steroid, 269
Surface activity, 147
Surface free energy, 297
Surface modification, 9
Surface potential, 233
Surface pressure, 275
Surface pressure measurements, 197
Surface pressure relaxation, 213
Surface tension, 233
Surfactant, 139

Test of normality, 247
Thermo-response, 37
Thermodynamic parameters, 123

Ultrasound, 239
Urease, 17

Variance equality, 247

Zeta potential, 275